

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application;

--1. (Currently Amended) A stereoscopic lens unit comprising:

a zoom lens;

a first lens group located subsequent to said zoom lens;

a second lens group located subsequent to said first lens group;

light quantity adjusting means arranged between said first lens group and said second lens group;

~~an electronic optical shutter provided on a stage of said zoom lens arranged between said first lens group and said second lens group and including a first portion corresponding to a right image and a second portion corresponding to a left image; and~~

an optical shutter driving portion for controlling said electronic optical shutter to open in a predetermined pattern.

--2. (Currently Amended) The lens unit according to claim 1, wherein said light quantity adjusting means [[is]] comprises a diaphragm for changing [[the]] a size of an opening mechanically.

--3. (Currently Amended) The lens unit according to claim 1, wherein said light quantity adjusting means is—a comprises an optional filter.

--4. (Previously Presented) The lens unit according to claim 1, wherein said electronic optical shutter is disposed near said light quantity adjusting means.

--5. (Currently Amended) The lens unit according to claim 1, wherein said electronic optical shutter is composed of [[a]] first and second liquid shutter shutters.

--6. (Currently Amended) The lens unit according to claim 1, wherein said predetermined pattern is switched to a pattern having an opening on the left right and a pattern having an opening on the right left alternately, corresponding to said first and second portions, respectively.

--7. (Previously Presented) The lens unit according to claim 1, wherein said predetermined pattern changes corresponding to a zoom condition of said zoom lens.

--8. (Previously Presented) The lens unit according to claim 1, wherein said electronic optical shutter is utilized simultaneously as said light quantity adjusting means.

--9. (Currently Amended) The lens unit according to claim 8, wherein said electronic optical shutter is composed of [[a]] first and second liquid shutter shutters.

--10. (Currently Amended) A stereoscopic camera comprising:

a zoom lens;

a first lens group located subsequent to said zoom lens;

a second lens group located subsequent to said first lens group;

light quantity adjusting means arranged between said first lens group and said second lens group;

~~an electronic optical shutter provided on a stage of said zoom lens~~ arranged between said first lens group and said second lens group and including a first portion corresponding to a right image and a second portion corresponding to a left image; and

an optical shutter driving portion for controlling said electronic optical shutter to open in a predetermined pattern.

--11. (Currently Amended) The camera according to claim 10, wherein said light quantity adjusting means [[is]] comprises a diaphragm for changing a size of an opening thereof mechanically.

--12. (Currently Amended) The camera according to claim 10, wherein said light quantity adjusting means is a comprises an optical filter.

--13. (Previously Presented) The camera according to claim 10, wherein said electronic optical shutter is disposed near said light quantity adjusting means.

--14. (Currently Amended) The camera according to claim 10, wherein said electronic optical shutter is composed of [[a]] first and second liquid shutter shutters.

--15. (Currently Amended) The camera according to claim 10, wherein said predetermined pattern is switched to a pattern having an opening on the left right and a pattern having an opening on the right left alternately, corresponding to said first and second portions, respectively.

--16. (Previously Presented) The camera according to claim 10, wherein said predetermined pattern changes corresponding to a zoom condition of said zoom lens.

--17. (Previously Presented) The camera according to claim 10, wherein said electronic optical shutter is utilized simultaneously as said light quantity adjusting means.

--18. (Currently Amended) The camera according to claim 17, wherein said electronic optical shutter is composed of [[a]] first and second liquid shutter shutters.

--19. (Cancelled)